

P20417.P01

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

P20417

Total Pages

Inventor(s) or Application Identifier

Thomas THOROE-SCHERB and Harald SCHMIDT-HEBBEL

Title: MACHINE AND PROCESS FOR PRODUCING A
TISSUE WEB

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
 - a. ☐ Small Entity Statement(s)
3. ☒ Specification [Total Pages 29]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [Total Sheets 7]
5. ☒ Oath or Declaration [Total Pages 3]
 - a. ☐ Newly executed (original or copy) ☒ Unexecuted
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20 completed)
[Note Box 6 below]
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Incorporation By Reference (useable if Box 5b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 5b, is
considered as being part of the disclosure of the accompanying
application and is hereby incorporated by reference therein.
7. ☐ Application Data Sheet. See 37 CFR 1.76
8. ☐ CD-Rom or CD-R in duplicate, large table or Computer
Program (Appendix)

9. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies
10. ☐ Assignment Papers (cover sheet & document(s))
11. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
12. ☐ English Translation Document (if applicable)
13. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
14. ☒ Preliminary Amendment
15. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
16. ☒ Figure of Drawing to be published 1
17. ☒ Foreign priority claimed
 - a. ☒ Claim of Priority
 - b. ☐ Certified Copy of Priority Document(s)
18. ☒ Assignee: VOITH PAPER PATENT GmbH of Heidenheim
GERMANY
19. ☒ Other: Cover Letter under 37 C.F.R. 1.53(b) and (f)

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. _____, filed _____
 Prior application information: Examiner: _____ Group Art Unit: _____

 21. ☐ Amend the specification by inserting before the first line the sentence:
 This application is a ___ continuation-in-part, ___ continuation, ___ divisional, of Application No. _____, filed _____.
Address all future correspondence to **Customer No. 7055** at the present address of:
 GREENBLUM & BERNSTEIN, P.L.C.
 1941 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

 January 26, 2001
 Date

 Signature
 Neil F. Greenblum, Reg No. 28,394
 Typed or Printed Name

FEE TRANSMITTAL		Complete if Known																																																																																																																																																																																																	
		Application Number		Not Yet Assigned																																																																																																																																																																																															
		Filing Date		Concurrently Herewith																																																																																																																																																																																															
		First Named Inventor		T. THORÖE-SCHERB et al.																																																																																																																																																																																															
		Group Art Unit		Unassigned																																																																																																																																																																																															
		Examiner Name		Unassigned																																																																																																																																																																																															
TOTAL AMOUNT OF PAYMENT		(\$) <u>782.00</u>		Attorney Docket Number		P20417																																																																																																																																																																																													
METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																																																															
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number <u>19-0089</u> Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)) <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b) <input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other				3. ADDITIONAL FEES																																																																																																																																																																																															
				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR Prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>195</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of IDS</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr><td colspan="6">Other fee (specify) _____</td></tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">SUBTOTAL (3) (\$)<u>0.00</u></td> </tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR Prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within 1st month		116	390	216	195	Extension for response within 2nd month		117	890	217	445	Extension for response within 3rd month		118	1,390	218	695	Extension for response within 4th month		128	1,890	228	945	Extension for response within 5th month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,240	241	620	Petition to revive unintentionally abandoned application		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of IDS		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						Other fee (specify) _____							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR Prior to Examiner action																																																																																																																																																																																															
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																															
115	110	215	55	Extension for response within 1st month																																																																																																																																																																																															
116	390	216	195	Extension for response within 2nd month																																																																																																																																																																																															
117	890	217	445	Extension for response within 3rd month																																																																																																																																																																																															
118	1,390	218	695	Extension for response within 4th month																																																																																																																																																																																															
128	1,890	228	945	Extension for response within 5th month																																																																																																																																																																																															
119	310	219	155	Notice of Appeal																																																																																																																																																																																															
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																															
121	270	221	135	Request for oral hearing																																																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																															
140	110	240	55	Petition to revive unavoidably abandoned application																																																																																																																																																																																															
141	1,240	241	620	Petition to revive unintentionally abandoned application																																																																																																																																																																																															
142	1,240	242	620	Utility issue fee (or reissue)																																																																																																																																																																																															
143	440	243	220	Design issue fee																																																																																																																																																																																															
144	600	244	300	Plant issue fee																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																															
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																															
126	240	126	240	Submission of IDS																																																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																															
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																															
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																															
179	710	279	355	Request for Continued Examination (RCE)																																																																																																																																																																																															
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																			
Other fee (specify) _____																																																																																																																																																																																																			
				SUBTOTAL (3) (\$) <u>0.00</u>																																																																																																																																																																																															
2. CLAIMS Total Claims <u>24</u> -20= <u>4</u> Extra <u>18</u> Fee from below <u>72</u> Fee Paid <u>72</u> Independent Claims <u>2</u> -3= <u>0</u> Extra <u>80</u> Fee from below <u>0</u> Fee Paid <u>0</u> Multiple Dependent Claims _____ x _____ = <u>0</u> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>710</td><td>201</td><td>355</td><td>Utility filing fee</td><td><u>710</u></td></tr> <tr><td>106</td><td>320</td><td>206</td><td>160</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>490</td><td>207</td><td>245</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>710</td><td>208</td><td>355</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="6">SUBTOTAL (1) (\$)<u>710</u></td></tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	710	201	355	Utility filing fee	<u>710</u>	106	320	206	160	Design filing fee		107	490	207	245	Plant filing fee		108	710	208	355	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1) (\$) <u>710</u>																																																																																																																																																											
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
101	710	201	355	Utility filing fee	<u>710</u>																																																																																																																																																																																														
106	320	206	160	Design filing fee																																																																																																																																																																																															
107	490	207	245	Plant filing fee																																																																																																																																																																																															
108	710	208	355	Reissue filing fee																																																																																																																																																																																															
114	150	214	75	Provisional filing fee																																																																																																																																																																																															
SUBTOTAL (1) (\$) <u>710</u>																																																																																																																																																																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>80</td><td>202</td><td>40</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>80</td><td>209</td><td>40</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4"></td> <td colspan="2" style="text-align: right;">SUBTOTAL (2) (\$)<u>72</u></td> </tr> </tbody> </table>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	80	202	40	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	80	209	40	Reissue independent claims over original patent		110	18	210	9	Reissue claims in excess of 20 and over original patent						SUBTOTAL (2) (\$) <u>72</u>																																																																																																																																																							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																														
103	18	203	9	Claims in excess of 20																																																																																																																																																																																															
102	80	202	40	Independent claims in excess of 3																																																																																																																																																																																															
104	270	204	135	Multiple dependent claim																																																																																																																																																																																															
109	80	209	40	Reissue independent claims over original patent																																																																																																																																																																																															
110	18	210	9	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																															
				SUBTOTAL (2) (\$) <u>72</u>																																																																																																																																																																																															

*Reduced by Basic Filing Fee paid

SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name		Neil F. Greenblum		Reg. Number	
Signature		Date		Deposit Account User ID	
		01/24/01		28,394	

P20417.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :T. THORÖE-SCHERB et al.

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For :MACHINE AND PROCESS FOR PRODUCING A TISSUE WEB

COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b)and 1.53(f)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b)and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. An executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

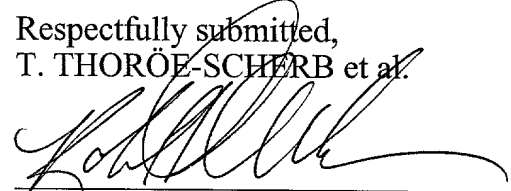
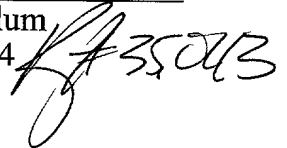
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, Va. 20191

The above-identified application includes:

- 29 pages of specification (including Abstract);
- 24 total claims; with 2 independent;
- 7 sheets of drawings with 7 figures;
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
T. THORÖE-SCHERB et al.


Neil F. Greenblum
Reg. No. 28,394 

January 26, 2001
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, Va. 20191
(703) 716-1191

P20417.P04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : T. THORÖE-SCHERB et al.

Serial No. :Not Yet Assigned

Filed :Concurrently Herewith

For :MACHINE AND PROCESS FOR PRODUCING A TISSUE WEB

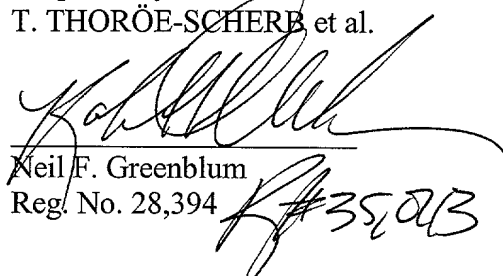
CLAIM OF PRIORITY

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Applicant hereby claims the right of priority granted pursuant to 35 U.S.C. 119 based upon
German Application No. 100 03 684.8, filed January 28, 2000.

Respectfully submitted,
T. THORÖE-SCHERB et al.



Neil F. Greenblum
Reg. No. 28,394

January 26, 2001
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

